

04-28-00

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PATENT APPLICATION

IN THE U.S. PATENT AND TRADEMARK OFFICE  
Express Mail Label No.: EL 388 783 586 US  
Attorney Docket No.: Furuya Case 1380  
April 27, 2000

Box Patent Application  
Assistant Commissioner for Patents  
Washington, DC 20231

Sir:

Transmitted herewith for filing is the ☒ utility ☐ design  
patent application of:

Inventors: (1) Hidetsugu FUKUYAMA, (2) Koji OHTSUKA,  
(3) Satoshi TERAII and (4) Shuhei SAWAMOTO

For : CATALYST FOR HYDROCRACKING OF HEAVY OILS  
AND METHOD OF HYDROCRACKING HEAVY OILS

Pursuant to 37 CFR 1.53, the above-identified application is  
being submitted without the filing fee, and it is respectfully  
requested that this application be granted a serial number and  
filing date and that the undersigned be notified of the date  
by which the filing fee must be submitted. Enclosed are:

- ☒ Specification
- ☐ Declaration or Oath
- ☒ 1 Drawing Sheet ☒ Formal  
☐ Informal
- ☐ Amendment Before First Office Action
- ☐ Information Disclosure Statement
- ☐ Assignment, with Recordation Form Cover Sheet. A check  
for \$ is enclosed to cover the recording fee.
- ☒ Acknowledgment Postal Card
- ☒ Priority is claimed under 35 USC 119 based on Japan  
Application No. 11-122448, filed April 28, 1999 and  
Application No. 2000-63526, filed March 8, 2000.  
☐ A certified copy of the priority application is  
enclosed.
- ☒ Pursuant to 37 CFR 1.53, this application is being filed  
without the declaration or oath. Please notify the  
undersigned of the due date for submitting the  
declaration or oath. A Power of Attorney in favor of the

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jc542 U.S. PTO  
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undersigned will be submitted later. Please direct all telephone calls to the undersigned at telephone number (616) 381-1156. Please address all correspondence to:

FLYNN, THIEL, BOUTELL & TANIS, P.C.  
2026 Rambling Road  
Kalamazoo, MI 49008-1699

The inventors are (1) Hidetsugu FUKUYAMA, (2) Koji OHTSUKA, (3) Satoshi TERAII and (4) Shuhei SAWAMOTO; all residing at Chiba, Japan; having the following post office addresses: (1) 2-1-1, Mizuho, Hanamikawa-ku, Chiba-shi, Chiba, Japan, (2) 2698-1, Kobayashi, Mobara-shi, Chiba, Japan, (3) 1762, Oguracho, Wakaba-ku, Chiba-shi, Chiba, Japan and (4) 4-13-2, Shinden, Ichikawa-shi, Chiba, Japan; and having the following citizenship: Japan.

[ ] Pursuant to 37 CFR 1.52, the enclosed application is in the form of a foreign language text:

[ ] An English translation and a statement that the English translation is accurate are enclosed.

[ ] Please notify the undersigned of the due date for submitting an English translation and a statement that the English translation is accurate.

Respectfully submitted,

  
Terrylene F. Chapman

TFC/smd

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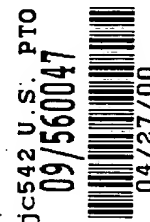
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101.9803

PATENT APPLICATION

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Date of Mailing: April 27, 2000  
Applicants: Hidetsugu FUKUYAMA et al  
Title: CATALYST FOR HYDROCRACKING OF HEAVY OILS  
AND METHOD OF HYDROCRACKING HEAVY OILS  
Serial No.: Unknown  
Filed: Unknown  
Atty Docket No.: Furuya Case 1380



Assistant Commissioner for Patents  
Washington DC 20231

EXPRESS MAILING CERTIFICATE

Sir:

I hereby certify that the attached paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Assistant Commissioner for Patents, Washington DC 20231.

FLYNN, THIEL, BOUTELL & TANIS, P.C.

By:

A handwritten signature in cursive script, appearing to read "Amy So Cunningham".

Date: April 27, 2000

Documents attached: Utility Patent Application  
dated April 27, 2000  
including enclosures listed thereon

Telephone: (616) 381-1156  
191.9912